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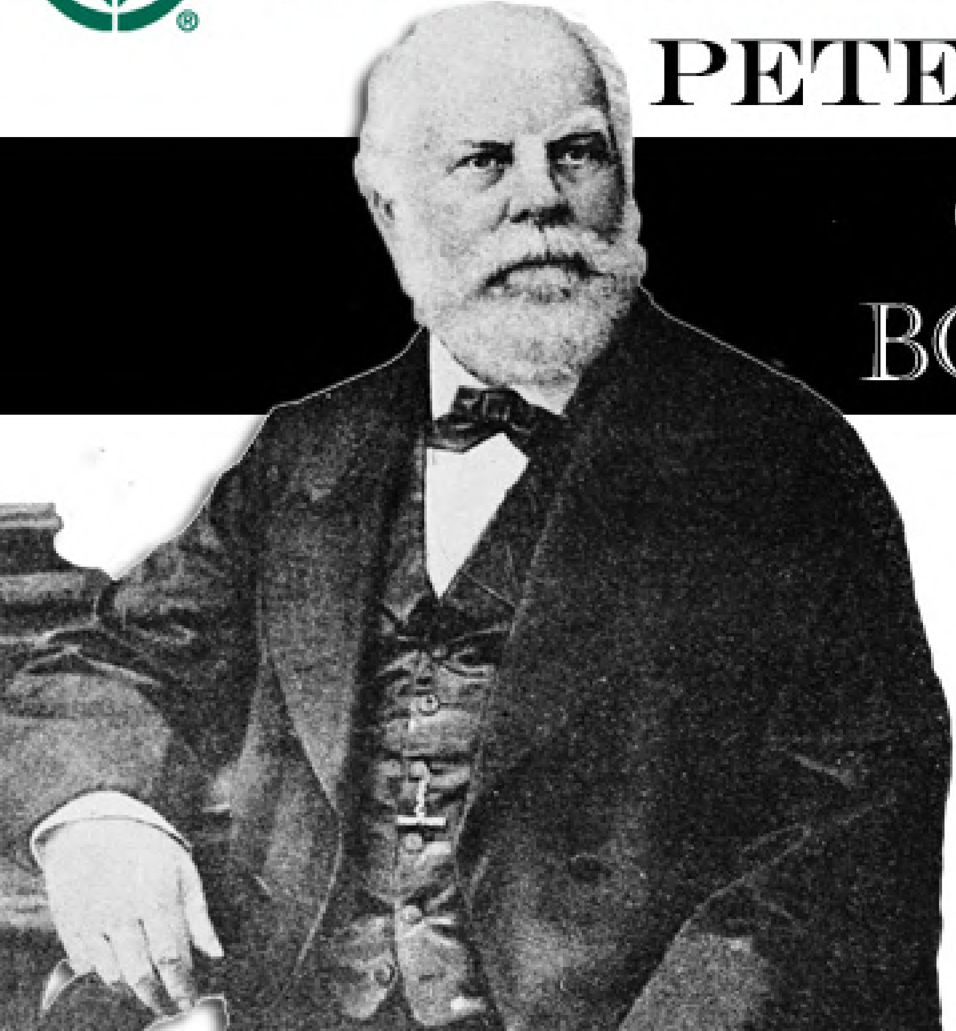

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Sept 1861

Opuntia m

Hort bot Missouri sub nom 46. O. megacantha

Erecto patula 3-pedalis; articuli obovati atrovirentes 6-9" longi, 3-4" ~~l~~ ~~lati~~ 1/2" crassi; areolae subremotae parvae omnes armatae; aculei 1-2; majores 1-1½" longi compressi albidi saepe basi et apice obscuri, inferiores deflexis saepe minores, additis non raro 1-3 aculeis parvis setiformibus, setae . . . . .

Pfeiffer p. 160 says, "articuli crassi; aculei 7-10 validi radiantes albi, uno alterove 2 pollicari" Joints 3" broad 7" long, over 1" thick – It is therefore probably not our plant.

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2979

Sept 1861

Opuntia

Hort bot Missour. sub nom „48 O. streptacantha" falsissime.

erecta, 5" alta, strictissima, articulis obovatis 8-12" longis 5-7 lat. areolis remotis oblongo-linearibus, obscuris parvis; aculeis in artic. junioribus albis, ~~setaceis~~, parvis, mox deciduis.

O. streptacantha Lem. Salm 240: ~~robustissima~~ robustissima, art. 67" crassis × 3-4" areol. parv. setae flav. s. fusc. paucae; acul 1-4 nigr. d. tortis. stramineo-albidi deflexi tortiles, pollicares in plantam adpressi."

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Sept 1861

Opuntia

Hort. bot. Missouri sub nom „10. O. lanigera" ex Hort. Dyck. erecta 3 pedalis glauca; articuli aa orbiculati 6–8 poll longi 5–7" lati, juniores vix tuberculati; ~~senect~~ adulti plani tenues; areolae remotae orbiculatae juniores fusco-tomentosae setis flavis 2–3 lin longis numerosis stipatae, inermes ~~saee~~ saepius, praecipue ad marginem, aculeis 2–3–5 in senectis 8–12 subsetaceis flavis deflexis munitae.

Salm p. 234 says: „laetissime viridis", „areolae lana crispa evanida instructae" – It can not therefore be our plant. It is however evidently allied with O. fulvispina, to which lanigera also is closely connected

2981

Sept 1861

Opuntia

Hort bot Missour. sub nom„ 42. O. orbiculata ex Hort Dyck.

erecta stricta 3–4 pedalis ; articuli suborbiculati minores 5" longi & lati, maximi 9" longi 7–8" lati plani (nec crassi nec tuberculati ; areolae remotae magnae orbiculatae pulviniformes, obscurae, setis paucissimis brevissimis munitae ; aculei graciles 3–5 deflexi pallide flavidi ad basin saepius obscuri ½–1½ poll longi.

This can scarcely be the plant of Salm Pfeiffer p. 156. which is „pervirides" – has „setas brunneas penicillatim collectas, 3–6 lin longas" – and which was formerly considered as a variety of O. sericea, the joints are said to be 3–4" in diameter.

Sept 1867

Opuntia

Hort Bot Missouri sub nom „43 O. orbiculata Metternichii"
ex Hort Dyck.

Erecta 3/2 pedalis, articuli obovati 8–10" long.
6–7" lati, subglauci; areolae vix remotae, setis
elongatis flavis munitae, fere omnes aculeos
flavidos 1–5 graciles compressos gerentes.

I find no description of Op. Metternichii" Ricol.
which Pr. Salm p. 68 connects with O. orbiculata; but
our plant can not well belong here. See notes
to 42 Op. orbiculata.

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Sept 1861

Opuntia glaucophylla Wendl. Pfeiff. 162. Salm 235. Pats?

Hort bot Missouri. sub nom. „18. glaucophylla" & „19. vulgaris" 3–4 pedalis, erecto-patula ramosissima; inermis; polycarpa! Articuli obovati saepe elongati, sinuati, leviter tuberculati; setae stramineae penicillatim collectae longiores

The specimens are entirely alike, (18 & 19) and are probably correctly named; they resemble Op. Ficus Indica very much, but are more glaucous, though not so much so as many other species. They are loaded with fruit, unripe now, clavate or obpyriform, ~~a little~~ smaller & shorter than that of O. Ficus Indica, also spinulose at the upper areolae of fruit. It is probable that this & Pseudo tuna do not differ from O. Ficus Indica. —

Ficus Indica is more green with darker spots near the areolae; same bristles. —

Bacca nunc immatura (una altera ve maturescens!) clavato-obovata; 1¾–2" longa 1" lata; areolis 11–13 stipata (superioribus setas longiores stramineas gerentibus; subangulosa; umbilico infundibuliformi, immerso; pulpa mucilaginosa albida

Fructus maturus singularis tumescens (nec angulatus) umbilico parum immerso; atropurpureus, pulpa purpurea, succosa fere insipida.

Semina subregularia, tumida, (2–2½ lin diam.) margine angusto obtuso cincta

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Sept 1861

Opuntia Karwinskiana Salm p. 239

Hort bot Missouri sub nom. "O. Karwinskiana" ex Hort Dyck.
Erecta 3 pedalis; caule tereti; articuli oblongo-obovati s. elongati 8"–12" poll longi 4–5" lati; tuberculati areolae remotae, ~~tuberculis suffultae~~ parvae vix setosae folia gracilia recurva; aculei in articulis junioribus subbini superiore robustiore, albido, basi flavido, erecto-patente inferiore graciliore patente; in senectis 3–6–8 cinereis tenuioribus inferioribus reflexis, robustioribus patentibus porrectis seu erectiusculis.

Salm p. 239 agrees well enough with our plant, but he says that the younger spines are rosecoloured, and that in younger ones 2–4 in old ones 18–20 spines ~~occur~~.

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Sept 1861

Opuntia polyantha Haw. Pfeiff. 163 Amer. calid.

Hort bot. [illegible] sub nom. „27 O. polyantha"

erecto patula, viridis, articulis 2-5" long; 1-2 1/2 latis, ovatis; setis aculeis in articulis novellis jam foliiferis [illegible], deinde majoribus, pluribus; floribus plurimis per totam aetatem; parvis; baccis obovatis, [illegible], late et plane umbilicatis in autumn maturis

Pfeiff 168 says „artic. semipedales!"

2986

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Sept. 1861

Opuntia Pseudo Tuna Salm. Pfeiff. 162. Am. calid.

Hort. bot. Missour. sub nom. „20 O. Pseudo Tuna"

erecto-patula 3-4 pedalis. articulis oblongo-obovatis, 3-4" lat. 6-9" long. (pulvillis in juvenilibus prominulis) areolis majusculis inermibus v. 1. saepe aculeis 1-3-5 flavidis subulatis setis stramineis penicillatis elongatis (2-3''' long) ~~instructis~~ gerentibus; v abunde florifera; fructibus (nunc viridibus, immaturis) pyriformibus, saepe basi elongato-attenuatis, ~~adem~~ areolis superioribus spinuliferis.

„21. O. Pseudo Tuna elongata" is absolutely the same.
with joints longer, rather lanceolate, acutish, undulately sinuate, tuberculate with many spines.

Pseudo Tuna belongs, if this is correctly named, very closely to O. Ficus Indica, ~~&~~ or is perhaps identical with it and can not be confounded with O. Tuna.

Prince Salm places them together and with glaucophylla pag. 66. ~~under~~: Ellipticae flavispinae laeviores, and if the specimens cultivated here under these names are correctly named, there is really no great essential difference between them; they all flowered abundantly last season and are all now loaded with unripe pyriform fruit, spinulose at the upper areolae.—

Pfeiff. says p. 162: „aculei singuli subulati pollicares, setae flavicantes 5-lineares."

Old joints are covered with large & prominent areolae, 3''' in diameter, bristles very numerous, brownish and about 2-3''' long.

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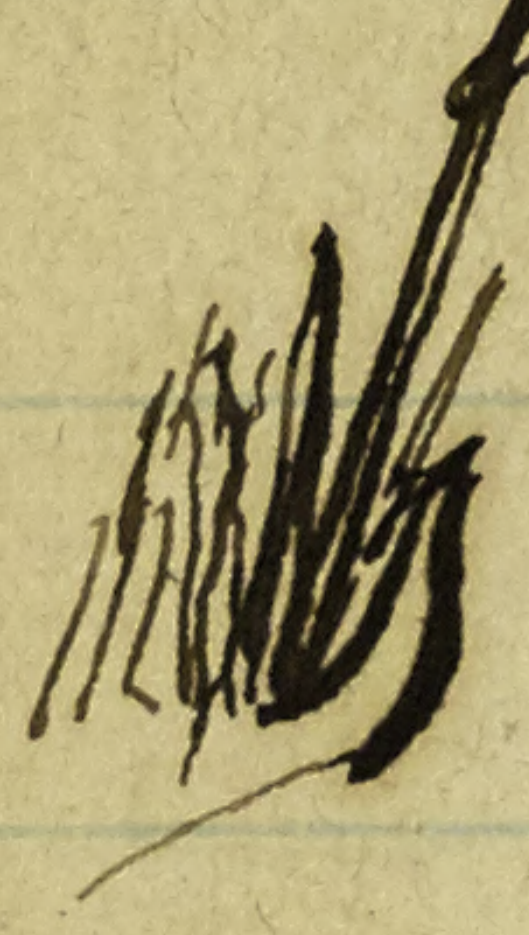
Sept 1860

Opuntia Tuna Mill. var humilis Salm p. 66. Ex hort Dyck.
Hort bot Missouri sub nom „23 O. Tuna var humilis

Erecto patulus, bipedalis, glaucescens, articulis 9" longis
5" latis obovatis tuberculatis; areolae remotae
magnae pulvinatae setis folio longioribus penicillatim collectis



munitae aculei 3–5 flavi subinde fusco-
maculatae compressae, ½–1¼ poll longi.

Salm p. 66. gives the synonyms: Op. horrida Salm ap. DC Prod 3. p. 472
& ap. Pfeiff. 162. O. humilis Haw. – It agrees well with
our plant.

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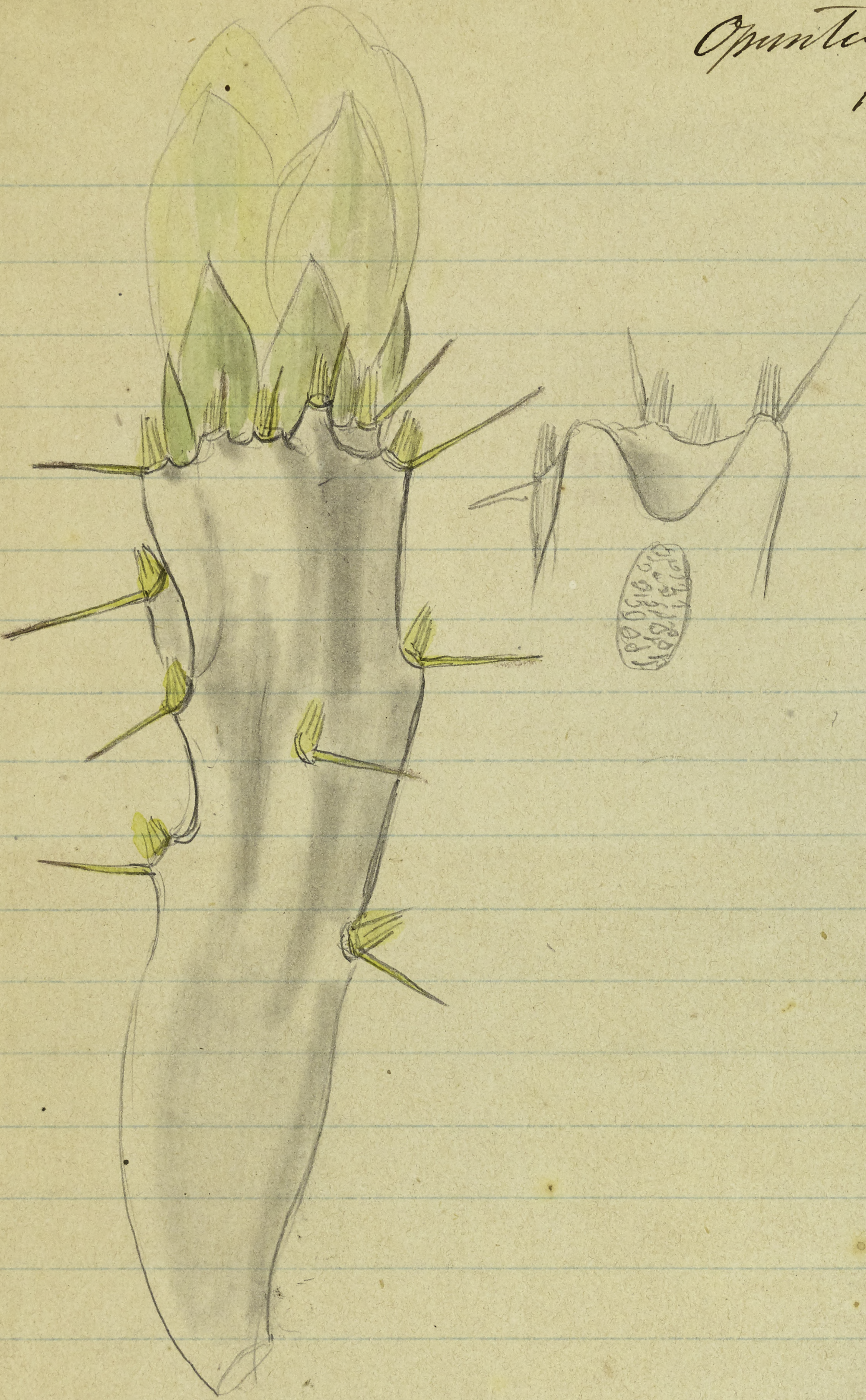
Opuntia Tuna
Hort bot Missou July 21 1862



petala cuspidata

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